BOOK-STYLE SLIDING PIVOT HINGE

FIELD OF THE DISCLOSURE

[0001] The present disclosure generally relates to book-style sliding pivot hinge for an information handling system.

BACKGROUND

[0002] As the value and use of information continues to increase, individuals and businesses seek additional ways to process and store information. One option is an information handling system. An information handling system generally processes, compiles, stores, and/or communicates information or data for business, personal, or other purposes. Because technology and information handling needs and requirements may vary between different applications, information handling systems may also vary regarding what information is handled, how the information is handled, how much information is processed, stored, or communicated, and how quickly and efficiently the information may be processed, stored, or communicated. The variations in information handling systems allow for information handling systems to be general or configured for a specific user or specific use such as clinical healthcare data storage and distribution, financial transaction processing, procurement, stocking and delivery tracking, provision of data services and software, airline reservations, enterprise data storage, or global communications. Information handling systems may include a variety of hardware and software components that may be configured to process, store, and communicate information and may include one or more computer systems, data storage systems, and networking systems. Additionally, information handling systems may have two or more display platforms with one or more display screens to output images. The information handling system can also include hinges to allow the display platforms to transition to different positions.

BRIEF DESCRIPTION OF THE DRAWINGS

[0003] It will be appreciated that for simplicity and clarity of illustration, elements illustrated in the Figures are not necessarily drawn to scale. For example, the dimensions of some elements may be exaggerated relative to other elements. Embodiments incorporating teachings of the present disclosure are shown and described with respect to the drawings herein, in which:

[0004] FIG. 1 is a diagram of a information handling system in an open position according to an embodiment of the present disclosure;

[0005] FIG. 2 is a diagram of a information handling system in a closed position according to another embodiment of the present disclosure;

[0006] FIG. 3A is a diagram of a sliding pivot hinge detail without display platforms of the information handling system in an open position according to another embodiment of the present disclosure;

[0007] FIG. 3B is another diagram of a sliding pivot hinge detail of the information handling system according to an embodiment of the present disclosure;

[0008] FIG. 4 is a diagram of a the information handling system with no sliding pivot hinge attached according to an embodiment of the present disclosure;

[0009] FIG. 5 is a diagram of an information handling system according to another embodiment of the present disclosure; and

[0010] FIG. 6 is a diagram of a flexible screen interface for an information handling system according to an embodiment of the present disclosure.

[0011] The use of the same reference symbols in different drawings indicates similar or identical items. It is understood that the components in the above referenced figures are not necessarily drawn to scale and are often simplified. Variations of components or variation as to connection of components including use of additional components not depicted or using fewer components and features are contemplated.

DETAILED DESCRIPTION OF THE DRAWINGS

[0012] The following description in combination with the Figures is provided to assist in understanding the teachings disclosed herein. The following discussion will focus on specific implementations and embodiments of the teachings. This focus is provided to assist in describing the teachings and should not be interpreted as a limitation on the scope or applicability of the teachings. However, other teachings may be utilized in this application, as well as in other applications and with several different types of architectures such as distributed computing architectures, client or server architectures, or middleware server architectures and associated components.

[0013] Most businesses and other enterprises have sophisticated computing systems used for facilitating internal operations and for storing sensitive data, protecting access to such data, and securely communicating outside the enterprise's network, for example to exchange information with business partners, healthcare providers or the similar data exchange partners. These enterprise systems also interface with individual users. Individual users also use sophisticated computing systems to facilitate working software application contexts such as running office applications for database creation and word processing, note taking, accessing internet data applications, gaming, video playback entertainment, video and voice communications, email and other electronic communication, websurfing, music, mobile applications, and other media accesses. Much of present day information exchange is conducted electronically, via communications networks. Currently, a high degree of media entertainment and other applications are utilized and accessed electronically by users. Thus, there is an increased need for extended display capabilities to facilitate broad range of usage including to enable multitasking by users. Additionally, traditional information handling system input devices such as keyboards and mouse systems are giving way to visual input interfaces such as touchscreens, hover detection, and motion sensing technologies. In many instances, it is substantially beneficial to implement a system with multiple display platforms having one or more display screens configurable in many orientations to interact with an information handling system.

[0014] For purposes of this disclosure, an information handling system can include any instrumentality or aggregate of instrumentalities operable to compute, calculate, determine, classify, process, transmit, receive, retrieve, originate, switch, store, display, communicate, manifest, detect, record, reproduce, handle, or utilize any form of information, intelligence, or data for business, scientific, control, or other purposes. For example, an information handling system may be a personal computer (e.g., desktop or laptop), tablet computer, mobile device (e.g., personal digital assistant (PDA) or smart phone), server (e.g., blade server or rack server), a network storage device, or any other suitable device and may vary in size,